

### LABORATORY REPORT

Prepared For: GPL Laboratories Project: Omega Chemical OU-2 SSID-BC

335392.FI.01

7210-A Corporate Court Frederick, MD 21703

Attention: Tim Mikesell Sampled: 11/07/06 Received: 11/07/06

Issued: 11/20/06 17:00

#### NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

#### SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
IPK0785-01	OC2-MW606-W-0-264	Water
IPK0785-02	OC2-MW605-W-0-265	Water
IPK0785-03	OC2-MW603-W-0-266	Water

Reviewed By:

TestAmerica - Irvine, CA

Diane Suzuki Project Manager



 7210-A Corporate Court
 335392.FI.01
 Sampled: 11/07/06

 Frederick, MD 21703
 Report Number: IPK0785
 Received: 11/07/06

Attention: Tim Mikesell

## SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK0785-01 (OC2-MW600	6-W-0-264 - Water)								
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	6K12038	0.00039	0.0020	0.00042	0.98	11/12/06	11/15/06	J
Sample ID: IPK0785-02 (OC2-MW605	5-W-0-265 - Water)								
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	6K12038	0.00038	0.0019	ND	0.943	11/12/06	11/15/06	
Sample ID: IPK0785-03 (OC2-MW603	3-W-0-266 - Water)								
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	6K12038	0.00038	0.0019	ND	0.943	11/12/06	11/15/06	



Project ID: Omega Chemical OU-2 SSID-BC

7210-A Corporate Court

335392.FI.01

Sampled: 11/07/06

Frederick, MD 21703 Attention: Tim Mikesell Report Number: IPK0785

Received: 11/07/06

### **INORGANICS**

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK0785-01 (OC2-MW606-W-	0-264 - Water)								
Reporting Units: mg/l Chromium VI	EPA 218.6	6K07100	0.00020	0.00030	0.0031	1	11/07/06	11/07/06	
Sample ID: IPK0785-02 (OC2-MW605-W-	0-265 - Water)								
Reporting Units: mg/l Chromium VI	EPA 218.6	6K07100	0.00020	0.00030	ND	1	11/07/06	11/07/06	
Sample ID: IPK0785-03 (OC2-MW603-W-	0-266 - Water)								
Reporting Units: mg/l Chromium VI	EPA 218.6	6K07100	0.00020	0.00030	ND	1	11/07/06	11/07/06	



 7210-A Corporate Court
 335392.FI.01
 Sampled: 11/07/06

 Frederick, MD 21703
 Report Number: IPK0785
 Received: 11/07/06

Attention: Tim Mikesell

## CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK0785-01 (OC2-MW606	5-W-0-264 - Water)								
Reporting Units: ng/L 1,2,3-Trichloropropane (123-TCP)	SRL 524M-TCP	C6K1602	N/A	5.0	ND	1	11/16/06	11/16/06	
Sample ID: IPK0785-02 (OC2-MW605	5-W-0-265 - Water)								
Reporting Units: ng/L 1,2,3-Trichloropropane (123-TCP)	SRL 524M-TCP	C6K1602	N/A	5.0	ND	1	11/16/06	11/16/06	
Sample ID: IPK0785-03 (OC2-MW603	3-W-0-266 - Water)								
Reporting Units: ng/L 1,2,3-Trichloropropane (123-TCP)	SRL 524M-TCP	C6K1602	N/A	5.0	ND	1	11/16/06	11/16/06	



 7210-A Corporate Court
 335392.FI.01
 Sampled: 11/07/06

 Frederick, MD 21703
 Report Number: IPK0785
 Received: 11/07/06

Attention: Tim Mikesell

### SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: OC2-MW606-W-0-264 (IPK0785	5-01) - Water				
EPA 218.6	1	11/07/2006 09:50	11/07/2006 20:30	11/07/2006 19:30	11/07/2006 23:33
Sample ID: OC2-MW605-W-0-265 (IPK0785	5-02) - Water				
EPA 218.6	1	11/07/2006 12:45	11/07/2006 20:30	11/07/2006 19:30	11/07/2006 23:44
Sample ID: OC2-MW603-W-0-266 (IPK0785	5-03) - Water				
EPA 218.6	1	11/07/2006 14:35	11/07/2006 20:30	11/07/2006 19:30	11/07/2006 23:55



Project ID: Omega Chemical OU-2 SSID-BC

7210-A Corporate Court Frederick, MD 21703 335392.FI.01 Report Number: IPK0785

Sampled: 11/07/06 Received: 11/07/06

Attention: Tim Mikesell

Received: 11/07/

### METHOD BLANK/QC DATA

# SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

		Reporting			Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	MDL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
<b>Batch: 6K12038 Extracted: 11/12/06</b>	<u> </u>										
Blank Analyzed: 11/14/2006 (6K12038-B	LK1)										
N-Nitrosodimethylamine	0.000530	0.0020	0.00040	ug/l							J
LCS Analyzed: 11/14/2006 (6K12038-BS	1)										
N-Nitrosodimethylamine	0.00857	0.0020	0.00040	ug/l	0.0100		86	60-140			
LCS Analyzed: 11/14/2006 (6K12038-BS	2)										
N-Nitrosodimethylamine	0.00207	0.0020	0.00040	ug/l	0.00200		104	60-140			
Matrix Spike Analyzed: 11/14/2006 (6K1	2038-MS1)				Sour	rce: IPK(	962-02				
N-Nitrosodimethylamine	0.00794	0.0020	0.00040	ug/l	0.0100	ND	79	50-130			
Matrix Spike Dup Analyzed: 11/14/2006	(6K12038-MS	D1)			Sour	rce: IPK(	962-02				
N-Nitrosodimethylamine	0.00792	0.0019	0.00039	ug/l	0.00971	ND	82	50-130	0	30	



7210-A Corporate Court Frederick, MD 21703 Attention: Tim Mikesell Project ID: Omega Chemical OU-2 SSID-BC

335392.FI.01

Report Number: IPK0785

Sampled: 11/07/06

Received: 11/07/06

## METHOD BLANK/QC DATA

### **INORGANICS**

		Reporting			Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	MDL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: 6K07100 Extracted: 11/07/06	<u>.</u>										
Blank Analyzed: 11/07/2006 (6K07100-B	LK1)										
Chromium VI	ND	0.00030	0.00020	mg/l							
LCS Analyzed: 11/07/2006 (6K07100-BS	1)										
Chromium VI	0.0489	0.00030	0.00020	mg/l	0.0500		98	90-110			
Matrix Spike Analyzed: 11/07/2006 (6K0	7100-MS1)				Sour	rce: IPK(	744-06				
Chromium VI	0.106	0.0015	0.0010	mg/l	0.0500	0.058	96	90-110			
Matrix Spike Dup Analyzed: 11/07/2006	(6K07100-MS	SD1)			Sour	rce: IPK(	744-06				
Chromium VI	0.107	0.0015	0.0010	mg/l	0.0500	0.058	98	90-110	1	10	



7210-A Corporate Court Frederick, MD 21703 Attention: Tim Mikesell Project ID: Omega Chemical OU-2 SSID-BC

335392.FI.01

Report Number: IPK0785

Sampled: 11/07/06

Received: 11/07/06

### METHOD BLANK/QC DATA

# CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: C6K1602 Extracted: 11/16/0</b>	<u>6</u>										
Blank Analyzed: 11/16/2006 (C6K1602-l	BLK1)										
1,2,3-Trichloropropane (123-TCP)	ND	5.0	N/A	ng/L							
LCS Analyzed: 11/16/2006 (C6K1602-B	S1)										
1,2,3-Trichloropropane (123-TCP)	4.69	5.0	N/A	ng/L	5.00		94	80-120			
Matrix Spike Analyzed: 11/16/2006 (C61	K1602-MS1)				Sou	rce: CPK	0426-02				
1,2,3-Trichloropropane (123-TCP)	75.0	5.0	N/A	ng/L	50.0	ND	150	80-120			M1
Matrix Spike Dup Analyzed: 11/16/2006	(C6K1602-I	MSD1)			Sou	rce: CPK	X0426-02				
1,2,3-Trichloropropane (123-TCP)	73.9	5.0	N/A	ng/L	50.0	ND	148	80-120	1	20	M1



 7210-A Corporate Court
 335392.FI.01
 Sampled: 11/07/06

 Frederick, MD 21703
 Report Number: IPK0785
 Received: 11/07/06

Attention: Tim Mikesell

### DATA QUALIFIERS AND DEFINITIONS

J Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

**RPD** Relative Percent Difference



 7210-A Corporate Court
 335392.FI.01
 Sampled: 11/07/06

 Frederick, MD 21703
 Report Number: IPK0785
 Received: 11/07/06

Attention: Tim Mikesell

## **Certification Summary**

#### TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EDD + Level 4	Water		
EPA 1625C-CI Mod	Water		
EPA 218.6	Water	N/A	X
EPA 524.2 Mod	Water		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

#### **Subcontracted Laboratories**

TestAmerica - Ontario, CA California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242

1014 E. Cooley Drive, Suite AB - Colton, CA 92324

Method Performed: SRL 524M-TCP

Samples: IPK0785-01, IPK0785-02, IPK0785-03

> Del Mar Analytical A TEST AMERICA COMPANY

CHAIN OF CUSTODY FORM

1PKC 785

And the Cooking Deciment Anomina CA 42324 (909) in the text of the graph of the cooking Deciment Anomina CA 42324 (909) in the cooking the cooking the cooking of the cooki

2			10KC785		20 Aug 1
XXSCMMAKT St. X JE XCC	The state of the s	$\frac{1}{2}I_{p}$	Signification	Aldysis Required	
	451-276-365 x 4034	kovák k, 3) – DMF			
	Fax Number:	TIL			
Sample Container Matrix Type	f Sampling Sampling Preservatives	)			,
act - Mavil-1020-204 water 1-Lamber 2	Myloi URCU NON	×			Special Instructions
ULA-MUNICIO-UN-C-264 WAR RAY		×			
CICA-MINISTER WOOD NOA 3	11/160 0750 HCI	×			
JCA- MIN @ 05 - W-0-265 WHTV 1-LOWING J	1/106 1245 NCNE	×			
	11/00 1243	×			
1	11/2 1245	X			
OC3-MWOCS-LU-OSORDINAR PLOMBER A	11/26 12/25 none	<b>*</b>			
	11/1 1/25 NONE	<b>X</b>			
CLA- MULCOLU- TU-O-SUNICHY (U)A S	11/100/1435 HCC	X			
***************************************	7				
)	A CONTRACTOR	11/2/1/			
	2				Ele
					1340
11-7/06/11	1551 Received By:	Date/Time:	, y	Turnaround Time: (Check)	ck)
Date/Time:	7 030 Received By:	Date/Time:		same day	72 hours5 days
e/Time:	Received in Lab By:	Date/Time:		1.1	normal
	Hangle le	70-2-11	2030 ji	cample megnity. (Check)	β × 3 %
Note: By refinduishing samples to Del Mar Analytical client agrees to now for	Jesus occurred the contract				

on ice  $\times$   $^{3}\mathcal{U}$ Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.